




Ronald A. Krasnow, Reg. No. 33,321

Full Name of Inventor 1	Last Name Warren	First Name Christopher	Middle Name or Initial J.	
Residence & Citizenship	City Mountain View	State/Foreign Country California	Country of Citizenship United States	
Post Office Address	Post Office Address 600 Rainbow Drive, #170	City Mountain View	State/Country California	Zip Code 94041
Full Name of Inventor 2	Last Name Haushalter	First Name Robert	Middle Name or Initial C.	
Residence & Citizenship	City Los Gatos	State/Foreign Country California	Country of Citizenship United States	
Post Office Address	Post Office Address 25259 Terrace Grove Road	City Los Gatos	State/Country California	Zip Code 95033
Full Name of Inventor 3	Last Name Matsiev	First Name Leonid	Middle Name or Initial	
Residence & Citizenship	City Cupertino	State/Foreign Country California	Country of Citizenship Russia	
Post Office Address	Post Office Address 10350 Leola Court, #1	City Cupertino	State/Country California	Zip Code 95014

Signature of Inventor 1  Christopher J. Warren	Signature of Inventor 2  Robert C. Hausalter	Signature of Inventor 3  Leonid Matsiev
Date <u>7/16/98</u>	Date <u>7/20/98</u>	Date <u>07.16.98</u>

ASSOCIATE POWER OF ATTORNEY BY ASSIGNEE

SYMYX TECHNOLOGIES, INC. is the Assignee of the invention entitled:

COMBINATORIAL ELECTROCHEMICAL DEPOSITION AND TESTING SYSTEM

_____ the specification of which _____ is attached hereto or _____
was filed on July 20, 1998 as Application Serial No. 09/119,187.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute
this application and transact all business in the Patent and Trademark Office connected
therewith.

Eric M. Dobrusin (Reg. No. 33,867)

Loletta L. Darden (Reg. No. 37,603)

Paul A. Stone (Reg. No. 38,628)

Send Correspondence to:	Direct Telephone Calls to: (Name, Reg. No., Tel. No.)
Eric M. Dobrusin Dobrusin Darden Thennisch Law Firm PLLC 401 S. Old Woodward Ave., Ste. 311 Birmingham, Michigan 48009	Eric M. Dobrusin Reg. No.: 33,867 (248) 593-9900

SYMYX TECHNOLOGIES, INC.

Date: Jan. 28, 2000By: Ronald A. Krasnow
(signature)Name: Ronald A. Krasnow
Title: VP & CPC

Application or Patent No.:

Filed or Issued: Even Date Herewith

Title: COMBINATORIAL ELECTROCHEMICAL DEPOSITION AND TESTING SYSTEM

I hereby declare that I am an official of the small business concern empowered to act on behalf of the concern identified below:

Symyx Technologies
3100 Central Expressway
Santa Clara, California 95051

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare the rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled COMBINATORIAL ELECTROCHEMICAL DEPOSITION AND TESTING SYSTEM by inventors Christopher J. Warren, Robert C. Haushalter and Leonid Matsiev described in

[x] the specification filed herewith

[] Application No.

Patent No.

, filed

, issued

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required for each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name:

Address:

☐ Individual

[x] Small Business Concern

[] Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

TITLE

ADDRESS OF PERSON SIGNING

Isy Goldwasser
President

Symyx Technologies
3100 Central Expressway
Santa Clara, California 95051

SIGNATURE

DATE _____

5/20/98



Express Mail NO. EL564195246US

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

98-15

OCTOBER 13, 1998

PTAS

SYMYX TECHNOLOGIES
RONALD A. KRASNOW
3100 CENTRAL EXPRESSWAY
SANTA CLARA, CA 95051



100778568A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/20/1998

REEL/FRAME: 9340/0109
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WARREN, CHRISTOPHER J.

DOC DATE: 07/16/1998

ASSIGNOR:

HAUSHALTER, ROBERT C.

DOC DATE: 07/20/1998

ASSIGNOR:

MATSIEV, LEONID

DOC DATE: 07/16/1998

ASSIGNEE:

SYMYX TECHNOLOGIES
3100 CENTRAL EXPRESSWAY
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09119187
PATENT NUMBER:

FILING DATE: 07/20/1998
ISSUE DATE:

RECEIVED

OCT 19 1998

Symyx Technologies
Legal Department

10/23/00
09/694176
10915 U.S. PTO

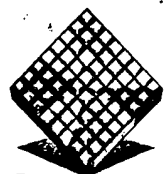
9340/0109 PAGE 2

SHARMALLA SIMPSON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-29-1998



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Symyx

SYMYX TECHNOLOGIES

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July 20, 1998

VIA EXPRESS MAIL

Assistant Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

Express Mail No. EI768182393US
Date of Deposit: July 20, 1998

Re: Recordation of Assignment

Dear Sir:

Please record the attached original assignment document.

- 1 Names of conveying parties: Christopher J. Warren, Robert C. Haushalter and Leonid Matsiev
- 2 Name and Address of Receiving Party: Symyx Technologies
3100 Central Expressway
Santa Clara, CA 95051
- 3 Nature of Conveyance: Assignment executed on July 17, 1998 and July 20, 1998.
- 4 This document is being filed together with a new utility patent application.
- 5 Correspondence address: Ronald A. Krasnow
Symyx Technologies
3100 Central Expressway
Santa Clara, CA 95051
- 6 Total number of applications involved = 1
- 7 Total fee: \$40. Please charge deposit account 50-0496 for this fee. A duplicate copy of this cover letter is enclosed.

07/27/1998 DNGUYEN 00000168 500496 09119187

01 FC:581 40.00 CH

1c915 U.S. PTO
09/1694176
10/23/00

U.S. PTO
09/119187

Assistant Commissioner for Parents

Page 2

July 20, 1998

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

The total number of pages, including cover letter and assignment is four.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Ronald A. Krasnow", with a stylized flourish at the end.

Ronald A. Krasnow
Registration No. 33,321

Enclosure

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Christopher J. Warren of 600 Rainbow Drive, #170, Mountain View, California 94041, Robert C. Haushalter of 25259 Terrace Grove Road, Los Gatos, California 95033 and Leonid Matsiev of 10350 Leola Court, #1, Cupertino, California 95014, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: COMBINATORIAL ELECTROCHEMICAL DEPOSITION AND TESTING SYSTEM

Filing Date: Even Date Herewith Application No.: _____; and

WHEREAS, Symyx Technologies, a California corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 7/16/98 _____
 Christopher J. Warren

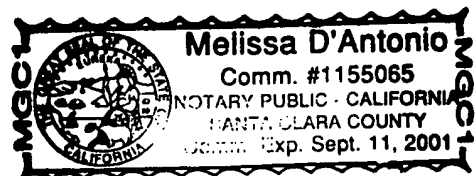
STATE OF California

COUNTY OF Santa Clara

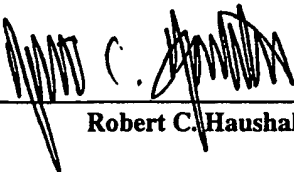
On July 16, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Christopher J. Warren, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Melissa D'Antonio (Seal)



Date: 7/20/98


Robert C. Haushalter

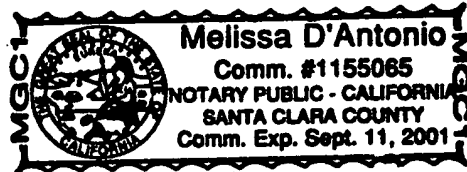
STATE OF California

COUNTY OF Santa Clara

On July 20, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Robert C. Haushalter, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature  (Seal)



Date: 07.16.98


Leonid Matsiev

STATE OF California

COUNTY OF Santa Clara

On July 16, 1998, before me, Melissa D'Antonio, Notary Public, personally appeared Leonid Matsiev, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature  (Seal)

